

20010404.ba v03_n138.bam.20010404

>From ???@??? Wed Apr 4 09:00:31 2001 -0500
Message-Id: <200104041400.f34E0A4t029793@sco.theporch.com>
Date: Wed, 4 Apr 2001 08:59:43 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3138

BOATANCHORS Digest 3138

Topics covered in this issue include:

- 1) FS -more- Magazines - "RADIO" and "R9" - (1930's)
by "John Dilks, K2TQN" <oldradio@worldnet.att.net>
- 2) Johnson 500 - Thanks for the help
by "John Dilks, K2TQN" <oldradio@worldnet.att.net>
- 3) Re: Exact shakeproof washers for BC348T req'd
by Ken Corwin <kenc2@pacbell.net>
- 4) Surplus Manual sold out.
by "Herbert M. Rosenthal" <herbrose@lobo.net>
- 5) Re: crystal-derived selectivity
by "James W. Miller" <jmiller@Basit.COM>
- 6) Dynamotor IDs?
by "Arthur I. Larky" <ail0@lehigh.edu>
- 7) Re: crystal-derived selectivity
by Arden Allen <gumbear@pacbell.net>
- 8) Re: Exact shakeproof washers for BC348T req'd
by "STEVE FINELLI" <navrad@enter.net>
- 9) Need C-24/ARC-5 and R-27/ARC-5
by Lenox Carruth <carruth@geo-thermal.com>
- 10) Explosive Devices on Radios
by "Jay H. Miller" <jay@kk5im.com>
- 11) RE: Explosive Devices on Radios
by "Ed Sieb" <sieb@sympatico.ca>
- 12) reactivate
by "j.foster" <j.foster@microbio.usyd.edu.au>
- 13) Tr: Explosive Devices on Radios
by =?iso-8859-1?Q?Andr=E9_Guibert?= <aguibert@sympatico.ca>
- 14) Re: Explosive Devices on Radios
by Michael Hanz <AAFRadio@erols.com>
- 15) Coaxial "button" capacitor.
by "Brian Goldsmith" <brian.goldsmith@echo1.com.au>
- 16) Re: Explosive Devices on Radios
by "JOHN Freeman" <w7kpb@hotmail.com>
- 17) Re: Explosive Devices on Radios
by "Arthur I. Larky" <ail0@lehigh.edu>
- 18) Re: Explosive Devices on Radios

- by "Ed White" <wa3bzt@wserv.com>
- 19) Re: Explosive Devices on Radios
by Steve Berg <z931086@corn.cso.niu.edu>
- 20) Coaxial "button" capacitor.
by "Brian Goldsmith" <brian.goldsmith@echo1.com.au>
- 21) Re: Explosive Devices on Radios
by Ed Zeranski <ezeran@concentric.net>
- 22) Re: Explosive Devices on Radios
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 23) Bird slug trade
by "Cormac Thompson" <cormac@bentonrea.com>
- 24) RE: Explosive Devices in radios
by "Stephens, Al" <Allan.Stephens@eku.edu>
- 25) Re: crystal-derived selectivity
by "russ dworakowski" <wb3fau@hotmail.com>
- 26) Johnson Desk KW Question
by "Freeberg, Scott (STP)" <scott.freeberg@guidant.com>

Message-Id: <4.3.2.7.0.20010402184240.00ba3d80@postoffice.worldnet.att.net>
Date: Mon, 02 Apr 2001 19:05:39 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: "John Dilks, K2TQN" <oldradio@worldnet.att.net>
Subject: FS -more- Magazines - "RADIO" and "R9" - (1930's)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi,

Note the other two large groups of R9 and Radio have been sold. I have the following individual duplicate magazines for sale. Please reply directly to oldradio@att.net (me), not to the Boat Anchor group.

I sorted out my duplicate "RADIO" and "R9" magazines and will offer them here first.

These are hard to find and are the result of my purchasing large numbers of them to make a complete set for myself.

RADIO magazine is much like QST and was printed on the West Coast. It is a great magazine for ham radio from the late 1930s through the 1940s. There are lots of construction projects, commercial receiver specs and photos in them.

FS - the following issue numbers of RADIO:
FYI - all have covers except: nc = no cover,
#-214 is Dec. 36, #-267 is March 42.

214 nc, 214, 215 loose cover, 217, 218, 220, 224, 231, 231 nc, 231 nc, 232, 233, 236, 238, 238, 239, 242, 245, 248 nc, 248, 252, 253, 255 nc, 256 nc, 256 nc, 257, 258, 258, 258, 263, 263, 267, and 267

Price each \$5. with cover, \$4 nc or loose cover

-also-----

R9 magazine is much like RADIO and early QST and was printed on the West Coast. It is a great magazine for ham radio from the early 1930s. R9 magazine merged into RADIO in January 1936.

FS - the following issue numbers of R9:

April 1935 # 65 \$10, June 1935 #66 \$10.

Priority given to the first email that confirms taking the most issues, then next is to the first email taking the next most, etc, then single copies.

Free Shipping in the 48 states for 5 or more magazines, otherwise exact cost of shipping.

73' John Dilks, K2TQN

Message-Id: <4.3.2.7.0.20010402195658.00ba72f0@postoffice.worldnet.att.net>

Date: Mon, 02 Apr 2001 20:00:14 -0400

To: Old Tube Radios <boatanchors@theporch.com>

From: "John Dilks, K2TQN" <oldradio@worldnet.att.net>

Subject: Johnson 500 - Thanks for the help

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

To all,

I have several responses now. Thanks to everyone, I now feel I can make a fair offer when I inspect it. Also thanks to those who have passed several restoration tips to me. If I get it, I will be very careful and restore it properly.

I don't imagine I'll be buying anything else for a while. :-)

73' John

Date: Mon, 02 Apr 2001 21:58:42 -0700
From: Ken Corwin <kenc2@pacbell.net>
Subject: Re: Exact shakeproof washers for BC348T req'd
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Boatanchors at the Porch <boatanchors@theporch.com>
Message-id: <3AC95881.4F2340CA@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hello, All-

There IS a BC-348-T. I'm told it is a slightly-modified BC-348-Q--but not with miniature tubes. It will be covered in Revision 12 of the BC-348 history file, if I ever get around to putting it in the archives.

73, Ken Corwin, KF6NUR, Canyon Country, CA

Message-ID: <3AC96243.3DD753E9@lobo.net>
Date: Mon, 02 Apr 2001 23:40:25 -0600
From: "Herbert M. Rosenthal" <herbrose@lobo.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Surplus Manual sold out.
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit

I have a commitment to purchase the 12th (last) copy of the manual, so there are no more for sale. It's been fun, and so I guess I'll offer it up again in about 6 months.

Herb Rosenthal W5AN

Message-ID: <3AC9CC24.C9B96E6E@Basit.com>
Date: Tue, 03 Apr 2001 09:12:04 -0400
From: "James W. Miller" <jmiller@Basit.COM>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: William Henneberry <KN2X@webtv.net>
Subject: Re: crystal-derived selectivity
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The manual for the national HRO-5TA1 states that the Xtal filter employs "a bridge type of circuit which makes use of a high rate of reactance change with changes in the frequency provided by a crystal to give the desired sharpness of selectivity. The reactance vs. frequency characteristic of the the crystal is modified by damping, or loading the crystal by means of a tuned circuit. When the input circuit is detuned, its effective resistance decreases and damping is greatly reduced, producing maximum selectivity. Detuning the input circuit does not materially affect the amplification of the crystal since the series impedance of the circuit becomes very low when damping is reduced."

In other words, a single xtal is connected in series to a parallel tuned circuit. Detuning the tuned ckt increases selectivity. Detuning the tuned circuit can be accomplished via a continuous variable capacitor or by switching in specific caps. As mentioned, the HRO-5TA1 was manufactured with both type of selectivity control. The switchable is more convenient but does it have better skirt selectivity??... I'm not sure but probably not since both ckts are fundamentally electrically the same.

The Hammarlund HQ-129X has switchable selectivity and has better skirt selectivity than my NC-101X but it uses a different design (loading via switchable resistors) which seem to work well.

So which method of selectivity control is better, switchable or continuous? Has anyone ever compared like models?

Back to the group...

73,
Jim
WA2UMP

"Robert G. Flory" wrote:

>
> Hello,
>
> It would be interesting to know how these various radios vary the
> selectivity.
>
> A single-crystal filter, coupling 2 IF stages, offers a narrow peak at its
> series-resonant frequency, and a null at its parallel-resonant frequency.
> A phasing control, like in my Breting 14, allows one to vary the null
> frequency. The selectivity remains constant.
>
> Some other systems allow one to adjust the selectivity by varying the
> loading on the crystal filter to reduce the Q. This could be done with a

> pot for continuous adjustment, or switched fixed resistors.
>
> Other systems involve switching different LC(in dual-conversion rigs, later)
> or crystal lattice filters(much later).
>
> So, how is variable selectivity implemented in these old National radios
> that people have been writing about?
>
> 73, Rob K2WI

Message-ID: <3AC9F77F.CB52FCD4@lehigh.edu>
Date: Tue, 03 Apr 2001 12:17:04 -0400
From: "Arthur I. Larky" <ail0@lehigh.edu>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Dynamotor IDs?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have two dynamotors: DM-24 and DM-36-D. What were they used for?
Art

Date: Tue, 03 Apr 2001 11:14:16 -0700
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: crystal-derived selectivity
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0GB8008R7ANY1M@mta5.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Hi Jim;

> The manual for the national HRO-5TA1 states that the Xtal filter employs
> "a bridge type of circuit

I haven't analyzed crystal filter circuits (it's a bit complicated) but I've noticed that the circuits vary from radio to radio which leads me to believe that various engineers' understandings of crystal filters varies as much as their selectivities! Is there such a thing as a "standard" circuit or do the various manufacturers have their favorite circuits? What makes and models of receivers, do you believe, have the "best" filter circuits?

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-ID: <001d01c0bc7a\$a949ec40\$9e9a10cf@stevef>
From: "STEVE FINELLI" <navrad@enter.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Boatanchors at the Porch" <boatanchors@theporch.com>
Subject: Re: Exact shakeproof washers for BC348T req'd
Date: Tue, 3 Apr 2001 16:14:10 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

I have an original shockmount for the BC-348-T.
It's made by RCA. No date on it though.

73, Steve N3NNG

----- Original Message -----

From: "Ken Corwin" <kenc2@pacbell.net>
To: "Old Tube Radios" <boatanchors@theporch.com>
Cc: "Boatanchors at the Porch" <boatanchors@theporch.com>
Sent: Tuesday, April 03, 2001 12:58 AM
Subject: Re: Exact shakeproof washers for BC348T req'd

> Hello, All-

>

> There IS a BC-348-T. I'm told it is a slightly-modified
> BC-348-Q--but not with miniature tubes. It will be covered in
> Revision 12 of the BC-348 history file, if I ever get around to
> putting it in the archives.

>

> 73, Ken Corwin, KF6NUR, Canyon Country, CA

>

>

>

Message-ID: <3ACA5D46.C83CC164@geo-thermal.com>
Date: Tue, 03 Apr 2001 18:31:18 -0500
From: Lenox Carruth <carruth@geo-thermal.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Need C-24/ARC-5 and R-27/ARC-5
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I need a C-24 Local Control and a R-27 to complete a set of ARC-5 receivers that I have operating from 24 Volts, dynamotors whirring and all, in my office.

Any help will be appreciated. Thanks!

--

Lenox

Lenox Carruth Dallas, TX carruth@geo-thermal.com
Collector of WW-II Communications Equipment and Memorabilia

Wanted: TBX-8 Antenna, Key, Canvas Case, Accessory Box

Mime-Version: 1.0
Message-Id: <p05010403b6f00f032464@[199.34.24.210]>
Date: Tue, 3 Apr 2001 18:41:13 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "Jay H. Miller" <jay@kk5im.com>
Subject: Explosive Devices on Radios
Content-Type: text/plain; charset="iso-8859-1" ; format="flowed"
Content-Transfer-Encoding: quoted-printable

With the current "mess" with the P-3 in China, I wonder if anyone has actually seen a military radio fitted with explosive charges. I've read in several military manuals (including Collins) specific instructions for destroying equipment in such an event but wonder if you just chucked a grenade inside the KWM-2 or was it more sophisticated!

=46ellow I talked to last night was a Royal Navy crypto guy during the 70s and said "you bet" to the question but he didn't think they would blow the equipment while the plane was in the air!

Certain Hammarlund manuals (SP-600) tell you what to do: smash tubes, crystals, etc. and then mention "explosive charges" but little else. Doubt if there were ANY tubes on that airplane however.

73

--

***** jay@kk5im.com *****

Jay H. Miller, KK5IM 32=B0 AASR Dallas, Texas
The Pocket Guide to Collins Amateur Radio Equipment
A Pictorial History of Collins Amateur Radios
NRA * ARRL * AMI#846 * DXCC * S.A.S.S. #34,692
NEW Website: <http://www.kk5im.com>
***** Proud to be 100% Macintosh since 1984! *****

From: "Ed Sieb" <sieb@sympatico.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Explosive Devices on Radios
Date: Tue, 3 Apr 2001 14:02:06 -0400
Message-ID: <LOBBJHOL00HLIPLONIAFIEHBD0AA.sieb@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

While not strictly BA content, I can tell you that almost all Israeli
"Tadiran "
manufactured tactical commo gear comes with charges on their
microprocessors
and other critical circuits.

Ed VA3ES

> -----Original Message-----
> From: Jay H. Miller
> Sent: Tuesday, April 03, 2001 7:41 PM
>
> With the current "mess" with the P-3 in China, I wonder if anyone has
> actually seen a military radio fitted with explosive charges.
>

Message-Id: <200104040118.LAA11058@lorica.ucc.usyd.edu.au>
Date: Wed, 04 Apr 2001 11:21:23 +1000
To: Old Tube Radios <boatanchors@theporch.com>
From: "j.foster" <j.foster@microbio.usyd.edu.au>
Subject: reactivate
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Jack:

I now have email again after being off the air for a couple of weeks and
have been taken off the list presumably due to email "'bounces". All is now OK so
please would you put me back on the list.

Regards: John Foster

Message-ID: <001701c0bca7\$ca3f99e0\$7eb1e2d1@b1yhp64>
From: =?iso-8859-1?Q?Andr=E9_Guibert?= <aguibert@sympatico.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Tr: Explosive Devices on Radios
Date: Tue, 3 Apr 2001 21:16:24 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

 Bonsoir to All
 Explosive charges in IFF and coding apparatus were replaced with
thermite ones
 during WW2.
 They gave better results and were less hard on the crews nerves.
 Wonder if they uses still use it.
 Andre

Message-ID: <3ACA7F37.8AF385CD@erols.com>
Date: Tue, 03 Apr 2001 21:56:07 -0400
From: Michael Hanz <AAFRadio@erols.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Explosive Devices on Radios
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Jay H. Miller" wrote:
> I wonder if anyone has
> actually seen a military radio fitted with explosive charges. I've
> read in several military manuals (including Collins) specific
> instructions for destroying equipment in such an event but wonder if
> you just chucked a grenade inside the KWM-2 or was it more
> sophisticated!

Common misunderstanding. The charges were thermite, at least in the
WWII IFF gear. It melted a bunch of stuff in the transceiver case and
caused it to bulge like a balloon, but it wasn't explosive in the sense
of a bomb. The use of the word "charge" to describe it has probably led
to the confusion. There was a period of time where the SA-3 and BC-706
crash switches were causing a bit of a problem on hard landings,
according to the AAF UR reports I have from 1944. If the charges were

high explosive, you can imagine that the corrective actions recommended would have been more serious and immediate than simply recorded in the UR for field personnel to check.

73,
Mike Hanz KC4TOS

Message-ID: <001301c0bcaa\$a3137f00\$5e158490@vic.bigpond.net.au>
From: "Brian Goldsmith" <brian.goldsmith@echo1.com.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Coaxial "button" capacitor.
Date: Wed, 4 Apr 2001 11:57:42 +1000
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----=_NextPart_000_0010_01C0BCFE.748D3460"

This is a multi-part message in MIME format.

-----=_NextPart_000_0010_01C0BCFE.748D3460
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Greetings to the list.I have had to manufacture a detector for my =
Telonic sweep generator as it was not with the mainframe when =
received.The small inline box,UHF diode and 50 ohm resistor are no =
problem but I am unable to locate a .001uF button ceramic capacitor.I =
have used a small two leaded ceramic cap but it introduced considerable =
errors at the top end probably due to lead inductance.Does anybody have =
one for sale?The hole in the middle has to be wide enough for the rear =
connector of a BNC socket to pass through.

=
Thanks for the read,Brian Goldsmith

-----=_NextPart_000_0010_01C0BCFE.748D3460
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *

* * * * *

-----=_NextPart_000_0010_01C0BCFE.748D3460--

From: "JOHN Freeman" <w7kpb@hotmail.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Explosive Devices on Radios
Date: Wed, 04 Apr 2001 02:03:42 -0000
Mime-Version: 1.0
Content-Type: text/plain; format=flowed
Message-ID: <F56hEUsebmspH2q6Dqa0000012a@hotmail.com>

>From: "Jay H. Miller" <jay@kk5im.com>
>Reply-To: jay@kk5im.com
>To: Old Tube Radios <boatanchors@theporch.com>
>Subject: Explosive Devices on Radios
>GROUP: Interestingly I always noted those 'demolition instructions' inside
>every WWII TM. A few years ago, I possessed a Harris HF SSB Linear amp which
>was 'surplus' from a certain USG commo facility near Rus Rus, Honduras. Amp
>would not slide out of the rack and I noted a round nosed indentation on
>the right side of the cabinet that pushed through to a steel support
>holding the front panel to the chassis.
When I asked my colleague who had been at the facility if someone had fired
a makarov round at the Amp. he laughed and said a wannabee saboteur had
sneaked into the commo shack and fired his cuban pistol point blank at the
Amp. FYI, I was then told the only thing that stopped functioning was the
'saboteur'.
Harris put STEEL into that gear. 73 de W7KPB

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Message-ID: <3ACA8119.F039D31D@lehigh.edu>
Date: Tue, 03 Apr 2001 22:04:10 -0400
From: "Arthur I. Larky" <ail0@lehigh.edu>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Explosive Devices on Radios
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The IFF unit that was available after WW2 had explosive squibs in it.
Supposedly, some were sold with the squibs installed. Made a mess when
some poor slob thought the trigger lead was a power lead!
Art

"Jay H. Miller" wrote:

> With the current "mess" with the P-3 in China, I wonder if anyone has
> actually seen a military radio fitted with explosive charges. I've
> read in several military manuals (including Collins) specific
> instructions for destroying equipment in such an event but wonder if
> you just chucked a grenade inside the KWM-2 or was it more

Message-ID: <002601c0bcb2\$50702020\$6fbc69ce@tsunami2>
From: "Ed White" <wa3bzt@wserv.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Explosive Devices on Radios
Date: Tue, 3 Apr 2001 22:52:02 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In this day and a age, most of the secret stuff on aircraft do not have explosive parts they must be thrown off the aircraft. the same is with ships But on land stations that is a different story I have seen thermo plates at the top of communication racks. I guess that if the device is activated it will cause more harm to the crew in a ship or aircraft than on land where you can get away from it. I guess that is another reason for making these devices smaller and lighter, a crash ax will aide in rendering other things inop
Ed

Message-ID: <3ACA8E44.DA91C324@corn.cso.niu.edu>
Date: Tue, 03 Apr 2001 22:00:20 -0500
From: Steve Berg <z931086@corn.cso.niu.edu>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Explosive Devices on Radios
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

When I was on top of Nui Ba Den, in Tay Ninh Province back in my misspent youth, I was a radio relay operator for a while. A neighboring bunker had a much more sophisticated radio setup handling aviation traffic. Each radio had a thermite grenade perched on top of it. They had some sort of encryption equipment, and those had the same thermite grenades too. Since the little base there had been overrun before, they were prepared for the worst.

Steve WA9JML

Message-ID: <004301c0bcb9\$98436860\$5e158490@vic.bigpond.net.au>
From: "Brian Goldsmith" <brian.goldsmith@echo1.com.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Coaxial "button" capacitor.
Date: Wed, 4 Apr 2001 13:44:46 +1000
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dopey me,new computer,didn't switch off the dreaded HTML.Herewith plain text version.Thanks ,Brian Goldsmith.

----- Original Message -----

Greetings to the list.I have had to manufacture a detector for my Telonic sweep generator as it was not with the mainframe when received.The small inline box,UHF diode and 50 ohm resistor are no problem but I am unable to locate a .001uF button ceramic capacitor.I have used a small two leaded ceramic cap but it introduced considerable errors at the top end probably due to lead inductance.Does anybody have one for sale?The hole in the middle has to be wide enough for the rear connector of a BNC socket to pass through.

Thanks for the read,Brian Goldsmith

Message-Id: <4.2.0.58.20010403200316.009e9d20@pop3.concentric.net>
Date: Tue, 03 Apr 2001 20:04:14 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Ed Zeranski <ezeran@concentric.net>
Subject: Re: Explosive Devices on Radios
Cc: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:00 PM 4/3/01 -0500, Steve Berg wrote:

>When I was on top of Nui Ba Den, in Tay Ninh Province back in my
>misspent youth, I was a radio relay operator for a while. A neighboring
>bunker had a much more sophisticated radio setup handling aviation
>traffic. Each radio had a thermite grenade perched on top of it. They

>had some sort of encryption equipment, and those had the same thermite
>grenades too. Since the little base there had been overrun before, they
>were prepared for the worst.

>

>Steve WA9JML

Just dump Nuc Mam on the set...probably work as well...(1967-68)

Date: Wed, 4 Apr 2001 03:42:06 -0400 (EDT)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200104040742.DAA01908@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Explosive Devices on Radios

Current auto-destruct procedure is W95 flash-ram install in commo micro-p

Then release of affirmative action directives for terrorists from an
electronic pin-ata nearby.

Message-ID: <005501c0bd07\$15c49780\$e62207d8@cormac.th>
From: "Cormac Thompson" <cormac@bentonrea.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Bird slug trade
Date: Wed, 4 Apr 2001 05:59:28 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Greetings:

I have a 1000 watt Bird slug 2-30 MHz I would like to trade for a 500 watt
slug same freq range. Will pay postage both ways. Any takers?

Thanks and 73.

Cormac, W7JHS
Vintage AM Boatanchors
Weak Signal VHF
PSK-31
CFI-Airplanes

Message-ID: <9A5E9A851B2CD4118F8E0008C7E630A8DF9AFE@FSMAIL>
From: "Stephens, Al" <Allan.Stephens@eku.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Explosive Devices in radios

Date: Wed, 4 Apr 2001 08:54:03 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Gang,

Following this thread with interest...

As an air force communications officer (ret) I was in charge of a comm center in Southeast Asia during the unpleasantness there of 30-plus years ago (THAT long!!). All our comm center racks of crypto equipment had individual large thermite devices sitting on top of each rack (about 6-8 feet of equipment each), which was estimated would burn its way down thru everything underneath it in about a minute. All the triggering cords were tied together, going to a main one, so that the entire thing could be set off with one good pull in case we werre being overrun. Thermite was the stuff - same as in incindiary bombs of WW 2.

Devices were however NOT built-in but just sitting on top of each rack. No danger from the equipment per se.

73, Al N5AIT

From: "russ dworakowski" <wb3fau@hotmail.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: crystal-derived selectivity
Date: Wed, 04 Apr 2001 09:35:13 -0400
Mime-Version: 1.0
Content-Type: text/plain; format=flowed
Message-ID: <LAW2-F36bdVJWrGW6Ex00000c85@hotmail.com>

Arden, James Knights Co. made the xtals for some of the National gear. There is always some variation on the performance of these xtals and the exact resonant freq. I believe you see different parts in the rigs because National was trying to optimize the performance. If a certain xtal filter is pre-WWII, the etching process was not used in making the xtal- they were lapped by hand. Bliley came out with the etching process during WWII and much greater acuracy on the freq. Russ
If anyone wants to know more about this acid etching process let me know.

>From: Arden Allen <gumbear@pacbell.net>
>Reply-To: gumbear@pacbell.net
>To: Old Tube Radios <boatanchors@theporch.com>
>Subject: Re: crystal-derived selectivity
>Date: Tue, 03 Apr 2001 11:14:16 -0700

>
>Hi Jim;
>
> > The manual for the national HRO-5TA1 states that the Xtal filter employs
> > "a bridge type of circuit
>
>I haven't analyzed crystal filter circuits (it's a bit complicated) but
>I've noticed that the circuits vary from radio to radio which leads me to
>believe that various engineers' understandings of crystal filters varies as
>much as their selectivities! Is there such a thing as a "standard" circuit
>or do the various manufacturers have their favorite circuits? What makes
>and models of receivers, do you believe, have the "best" filter circuits?
>
>Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net
>

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Message-ID: <1D1B8647FA5CD411A02800508BDFD0A001628B51@stpmsx03.stp.guidant.com>
From: "Freeberg, Scott (STP)" <scott.freeberg@guidant.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Johnson Desk KW Question
Date: Wed, 4 Apr 2001 08:58:57 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

If you are a Johnson Desk KW owner, I'd appreciate the chance to talk with
you and ask some questions about the Desk KW. Thanks,

Scott WA9WFA

End of BOATANCHORS Digest 3138
